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PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

COMP:0195

Total Pages

296

First Named Inventor or Application Identifier

Sompong P. Olarig

Express Mail Label No.

EL 652-335-173 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents

Box Patent Application

Washington, DC 20231

1. ☒ **Fee Transmittal Form**  
(Submit an original, and a duplicate for fee processing)
2. ☒ **Specification** Total Pages **63**  
(preferred arrangement set forth below)  
-Descriptive  
-Cross References to Related Application  
-Statement Regarding Fed sponsored R & D  
-Reference to Microfiche Appendix  
-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure
3. ☒ **Drawing(s)** (35 USC 113) Total Sheets **28**  
Total Pages **84**
4. **Oath or Declaration**  
a. ☒ Newly executed (original or copy) (not executed)  
b. ☐ Copy from a prior application (37CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ **Incorporation By Reference** (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(where there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
14. ☐ Small Entity ☐ Statement filed in prior application  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other (PTO-2038)

17. ☐ Continuation☐ Divisional☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_/\_\_\_\_**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME	Diana M. Sangalli				
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Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL****Complete if Known**

<b>FEE TRANSMITTAL</b>		<b>Application Number</b>	Unassigned
		<b>Filing Date</b>	Herewith
		<b>First Named Inventor</b>	Sompong P. Olgarig
		<b>Group Art Unit</b>	Unassigned
		<b>Examiner Name</b>	Unassigned
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> 0.00	<b>Attorney Docket Number</b>	COMP:0195/FLE (P98-1950)

**METHOD OF PAYMENT (check one)**

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

Deposit Account Name Fletcher, Yoder & Van Someren

- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

**FEE CALCULATION (fees effective 10/01/96)****1. FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	790	201	395	Utility filing fee	<u>710.00</u>
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$)</b> <u>710.00</u>

**2. CLAIMS**

		Extra	Fee from below		Fee Paid
Total Claims	-20 =	<u>0</u>	X <u>18</u>	=	<u>0.00</u>
Independent Claims	- 3 =	<u>0</u>	X <u>80</u>	=	<u>0.00</u>

Multiple Dependent Claims      X      =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	22	203	11	Claims in excess of 20	
102	82	202	41	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim	
109	82	209	41	Reissue independent claims over original patent	
110	22	210	11	Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** **(\$)** 0.00

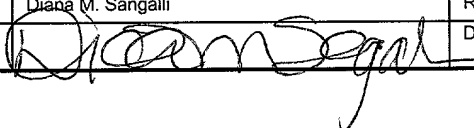
**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	400	216	200	Extension for response within second month	
117	950	217	475	Extension for response within third month	
118	1,570	218	755	Extension for response within fourth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,320	241	660	Petition to revive unintentionally abandoned application	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) <u>    </u>					
Other fee (specify) <u>    </u>					
<b>SUBTOTAL (3)</b>					<b>(\$)</b> <u>0.00</u>

\* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Diana M. Sangalli	Reg. Number	40,798
Signature		Date	01/25/01
		Deposit Acct. User ID	